

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

# **NOTICE OF ACCEPTANCE (NOA)**

**PRODUCT CONTROL SECTION**11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

**MIAMI-DADE COUNTY** 

OGT Window Systems, Inc. 6910 N.W. 42 Street Miami, FL 33166

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "OGT-600 Structurally Glazed" Aluminum Storefront/Curtain Wall System - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **W99-23**, titled "OGT-600 Alum. Storefront/Curtain Wall Sys. (L.M.I.)", sheets 1 through 6 of 6, dated 09/15/99, with revision E dated 02/27/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 06-0626.07 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

W) | 11/01/12

NOA No. 12-0813.07 Expiration Date: November 08, 2013 Approval Date: November 08, 2012

Page 1

### **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

#### A. DRAWINGS

- **1.** Manufacturer's die drawings and sections.
- 2. Drawing No W99-23, Sheets 1 through 6 of 6, titled "OGT-600 Alum. Storefront/Curtain Wall Sys. (L.M.I.)", dated 09/15/99, with revision E dated 02/27/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

### B. TESTS

- 1. Test reports on: 1) Large Missile Impact Test, PA 201-94
  - 2) Cyclic Loading Test, per PA 203-94

along with installation diagram of an alum. curtain wall system, prepared Hurricane Engineering & Testing Inc., Test Report No. **HETI-99-784**, dated 01/14/98, signed and sealed by Hector Medina, P.E.

### (Submitted under previous NOA# 99-1116.03)

- 2. Test reports on: 1) Large Missile Impact Test, PA 201-94
  - 2) Cyclic Loading Test, per PA 203-94

along with installation diagram of an alum. curtain wall system (3 spec.), prepared Hurricane Engineering & Testing Inc., Test Report No. **HETI-99-802**, dated 04/01/99, signed and sealed by Hector Medina, P.E.

# (Submitted under NOA# 99-1116.03)

3. Test report on: 1) Uniform Static Air Pressure Test, Loading per PA202-94 (structural) along with installation diagram of an aluminum curtain wall system prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-99-811**, dated 05/21/99, signed and sealed by Hector Medina, P.E.

# (Submitted under NOA# 99-1116.03)

- 4. Test reports on: 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94

along with installation diagram of aluminum curtain wall system, prepared Hurricane Engineering & Testing Inc., Test Report No. **HETI-99-1138**, dated 03/23/99, signed and sealed by Hector Medina, P.E.

(Submitted under NOA# 99-1116.03)

### C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 12/03/09, signed and sealed by Javad Ahmad, P.E.

(Submitted under previous NOA# 06-0926.07)

2. Glazing complies with ASTM E1300-04

Manuel Perez P.E. Product Control Examiner NOA No. 12-0813.07

Expiration Date: November 08, 2013 Approval Date: November 08, 2012

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### **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

## D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11–0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.

### F. STATEMENTS

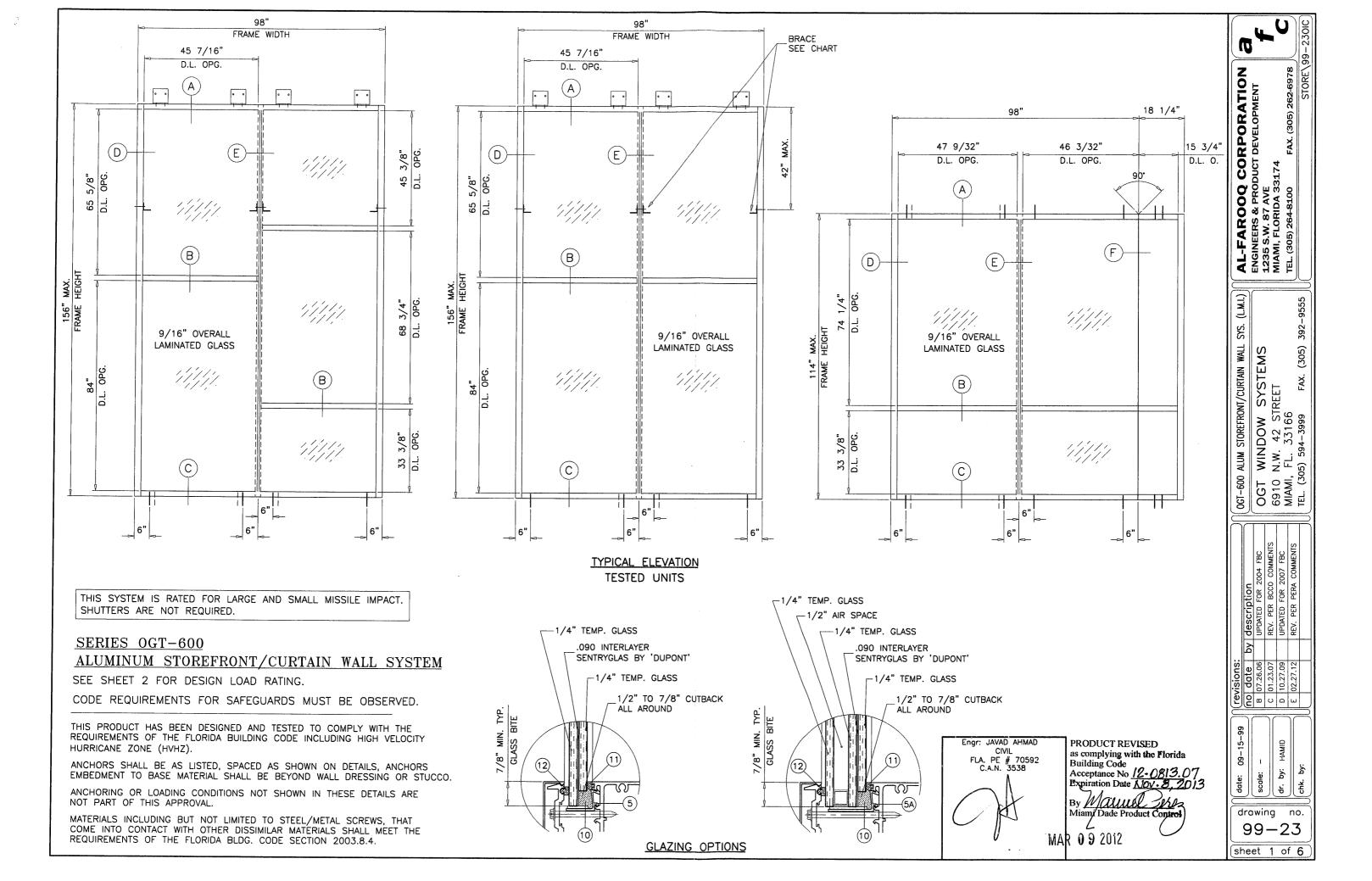
- 1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated February 13, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Legal document with Amendment to Articles of Incorporation of Owen Glass Technologies, Inc. dated 10/20/09, signed by Irene Albittron, Regulatory Specialist II, Division of Corporation, Florida Department of State.
- 3. Stock Restriction and Corporate Control Agreement document dated August 31, 2009, signed by Maria Elena Valls Zayas Bazan, Alf Yaranga and Alex Mendoza.
- 4. GE Momentive Performance Materials Sealants Lab Test Report NY10-8733 Sealant Adhesion and Compatibility, dated June 04, 2010 certifying testing/evaluation of UltraGlaze SSG4000 Silicone Building Sealant and application recommendations for this system, prepared by David M. French, Application Engineer Structural Glazing/Curtain Wall.
- 5. Testing agreement letter, dated 10/24/12 between Hurricane Engineering & Testing, Inc. (HETI) and OGT Windows, Inc., issued by HETI and signed by Dr. Nasreen K. Ali, Vice President.
- 6. Email from manufacturer requesting a 1-year extension to allow time to perform verification test, dated 10/31/12, signed by Alex Mendoza.

### G. OTHER

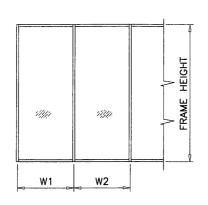
- 1. Notice of Acceptance No. **06-0926.07**, issued to Owen International, Inc. for their Series S-2600 Aluminum Storefront / Curtain Wall System L.M.I., approved on 03/01/07 and expiring on 03/01/12.
- 2. One year approval, subject to successful verification test, the final approval will be issued for the balance of a total of 5 years.

Manuel Perez, P.E. Product Control Examiner NOA No. 12-0813.07

Expiration Date: November 08, 2013 Approval Date: November 08, 2012

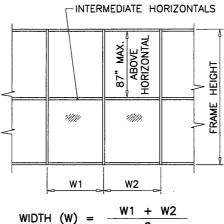


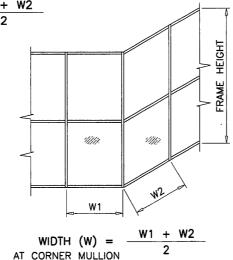
SING	LE SPANS (WI	in ok W	IIIIUUI	INIERME.	DIAIL HO		
NOMINAL DIMS.		MULLION W/O REINFORCING		MULLION WITH REINFORCING		CORNER MULLION WITH REINFORCING	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"		76.0	87.0	76.0	87.0	76.0	76.0
30"		76.0	87.0	76.0	87.0	76.0	76.0
36"	72"	76.0	87.0	76.0	87.0	76.0	76.0
42"		76.0	87.0	76.0	87.0	76.0	76.0
48"		76.0	82.0	76.0	82.0	76.0	76.0
24"		76.0	87.0	76.0	87.0	76.0	76.0
30"		76.0	87.0	76.0	87.0	76.0	76.0
36"	84"	76.0	87.0	76.0	87.0	76.0	76.0
42"		76.0	87.0	76.0	87.0	76.0	76.0
48"		76.0	82.0	76.0	82.0	76.0	76.0
24"		76.0	87.0	76.0	87.0	76.0	76.0
30"		76.0	87.0	76.0	87.0	76.0	76.0
36"	87-3/4"	76.0	87.0	76.0	87.0	76.0	76.0
42"		76.0	87.0	76.0	87.0	76.0	76.0
48"		76.0	78.6	76.0	82.0	76.0	76.0
24"		76.0	76.0	76.0	76.0	76.0	76.0
30"		76.0	76.0	76.0	76.0	76.0	76.0
36"	96"	76.0	76.0	76.0	76.0	76.0	76.0
42"		74.8	74.8	76.0	76.0	76.0	76.0
48"		65.5	65.5	76.0	76.0	76.0	76.0
24"		76.0	76.0	76.0	76.0	76.0	76.0
30"		76.0	76.0	76.0	76.0	76.0	76.0
36"	108"	69.0	69.0	76.0	76.0	76.0	76.0
42"		59.1	59.1	76.0	76.0	76.0	76.0
48"		51.7	51.7	76.0	76.0	76.0	76.0
24"		76.0	76.0	76.0	76.0	76.0	76.0
30"		74.3	74.3	76.0	76.0	76.0	76.0
36"	114"	61.9	61.9	76.0	76.0	76.0	76.0
42"		53.1	53.1	76.0	76.0	74.5	74.5
48"		46.4	46.4	76.0	76.0	65.2	65.2

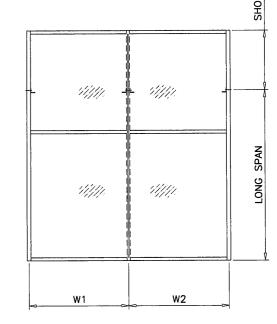


WIDTH (W) = W1AT FRAME JAMB

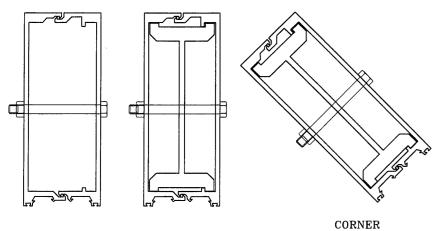
AT FRAME MULLION







WIDTH(W) =



MULLION W/O REINFORCING

TOTAL PRPERTIES Ix = 7.9455 IN 4 $Sx = 2.8352 \text{ IN} \ 3$  MULLION WITH REINFORCING

TOTAL PRPERTIES  $Ix = 14.6647 \text{ IN} \sqrt{4}$  $Sx = 5.2329 \text{ IN} \ 3$ 

MULLION WITH

TOTAL PRPERTIES Ix = 7.5452 IN 4 $Sx = 3.0612 \text{ IN} \ 3$ 

REINFORCING

MAX. GLASS AREA = D.L.O. WIDTH X D.L.O. HEIGHT < 27 SQ. FT.

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS).

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		71	-	
		11		

DESIGN LOAD CAPACITY - PSF STORE-FRONT/CURTAIN WALL SYSTEM WITH BRACE

WIDTH (W)

48"

42"

36"

30"

24"

48"

42"

36"

30"

48"

42"

36"

48"

42"

48"

NOMINAL DIMS.

LONG SPAN

114"

108"

102"

96"

96"

SHORT SPAN

24" TO 42"

MULLION W/O

REINFORCING

INT.(-)

53.0

60.5

70.6

84.8

87.0

59.5

68.0

79.3

87.0

67.3

76.9

87.0

76.7

87.0

82.0

EXT.(+)

53.0

60.5

70.6

76.0

76.0

59.5

68.0

76.0

76.0

67.3

76.0

76.0

76.0

76.0

76.0

MULLION WITH

REINFORCING

INT.(-)

82.0

87.0 87.0

87.0

87.0

82.0

87.0

87.0

87.0

82.0

87.0

87.0

82.0

87.0

82.0

EXT.(+)

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

76.0

PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No 12. Expiration Date Nov. B, 2013

By Manuel 1892 Miami Dade Product Control

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FAX. (305) 262-6978 STORE\

392-9555

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978

(L.M.I.)

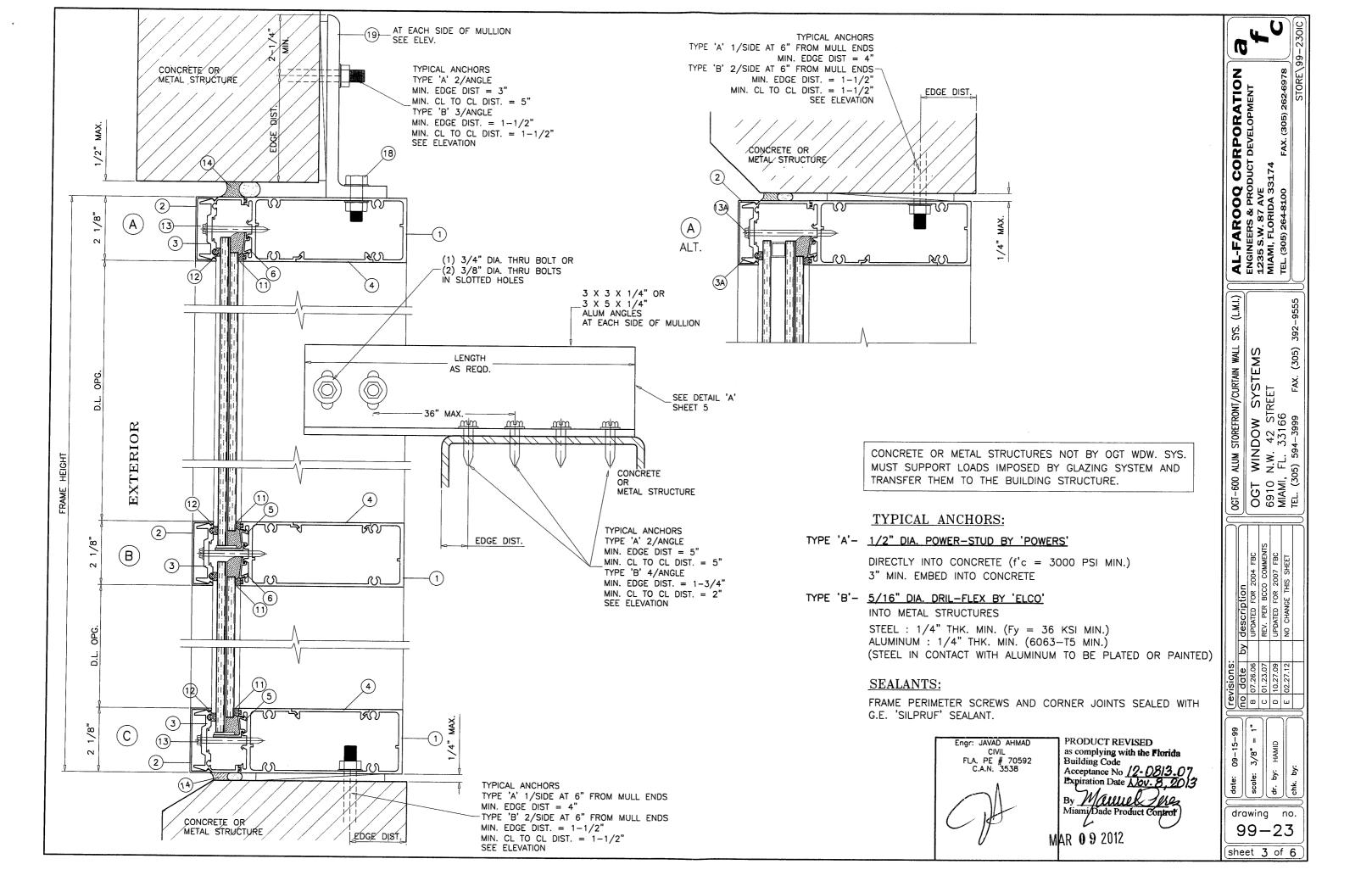
OGT-600 ALUM STOREFRONT/CURTAIN WALL SY
OGT WINDOW SYSTEMS
6910 N.W. 42 STREET
MIAMI, FL. 33166
TEL. (305) 594-3999 FAX. (305) 39

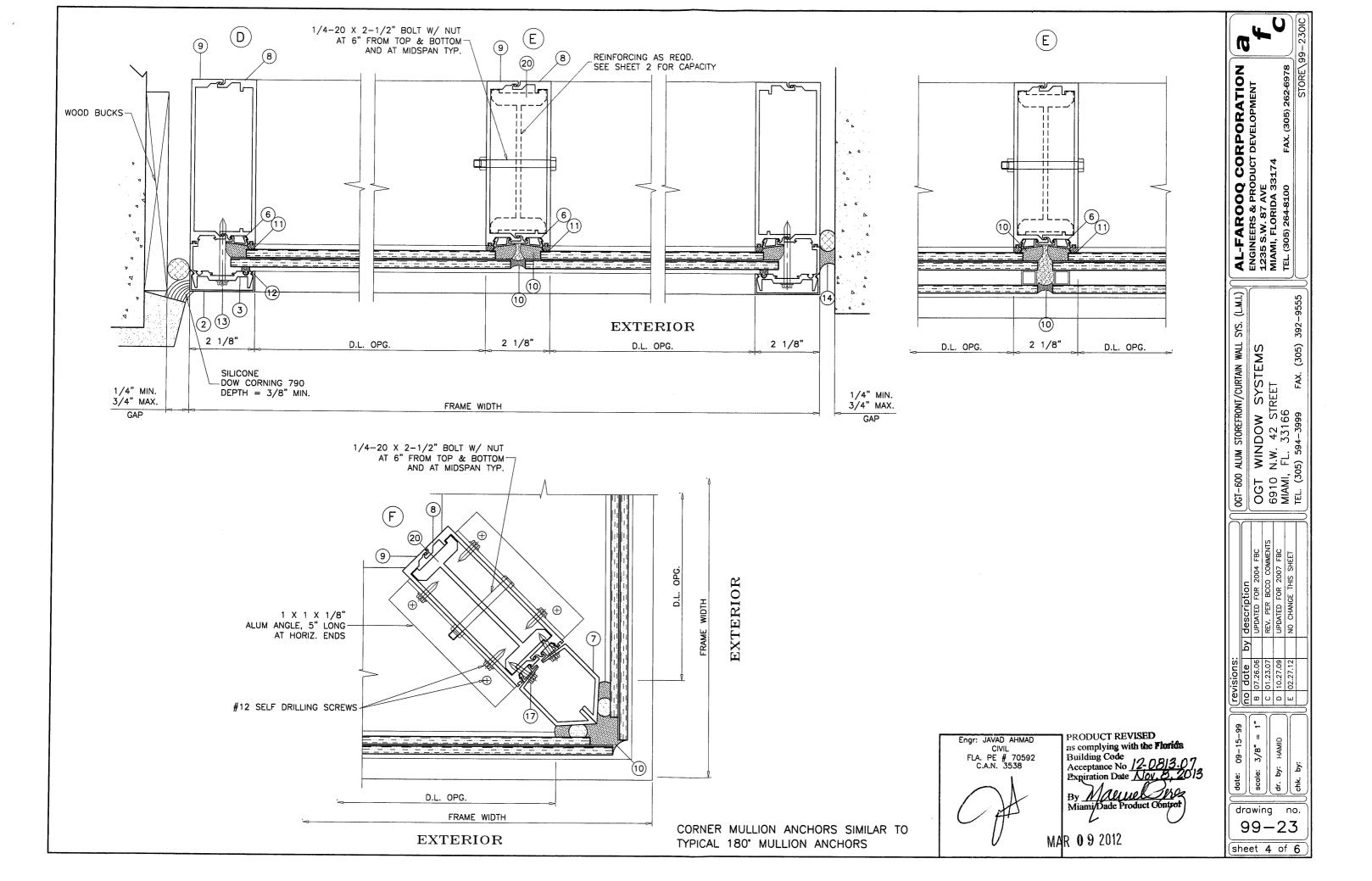
revisions:
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B 07.26.06
C 01.23.07
D 10.27.09
E 02.27.12 HAMID

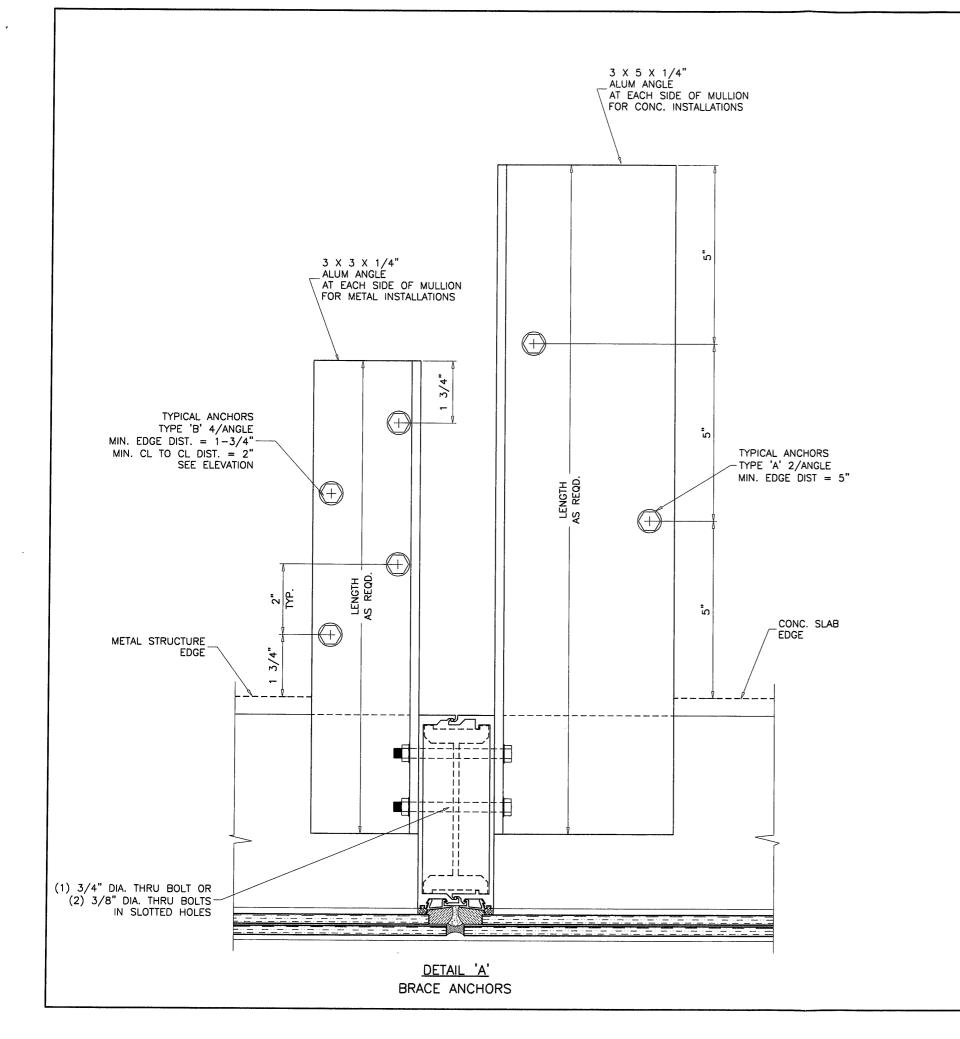
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-60

99 - 23sheet 2 of 6







Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0813.07
Expiration Date 100.8, 2013
By Manuel 113
MAR 10 9 2012

	S:	by description			UPDATED FOR 2007 FBC	2 NO CHANGE THIS SHEET	
l	revisions:	no date			D 10.27.09	E 02.27.12	
	[ē]	no			۵	ш	
	date: 09-15-99		scale: 3/8" = 1"		dr. by: HAMID		
	drawing no					nc	)

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978 (L.M.I.) OGT -600 ALUM STOREFRONT/CURTAIN WALL SYS. (L. OGT WINDOW SYSTEMS 6910 N.W. 42 STREET MIAMI, FL. 33166
TEL. (305) 594-3999 FAX. (305) 392-95

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sheet 5 of 6

